

ABSTRACT OF THE DISCLOSURE

The present invention relates to a hybrid electrical connector for a lamp-to-harness interface, which comprises two connector halves. The first connector half includes an overmolded connector, preferably formed from injection molded PVC, which has terminals of a first sex at one end and wires at a second end. Each wire is electrically coupled to a respective one of the terminals. The overmolded connector has formed therearound a hard shell shroud which is substantially rigid and includes a first locking feature thereon. The second half of the connector comprises a hardshell connector having terminals of a second sex therein and a second locking feature thereon. By coupling the hardshell shroud to the hardshell connector and engaging the first and second locking features, the first terminals in the overmolded connector are caused to mate with the second terminals in the hardshell connector. In addition to the locking feature between the hardshell shroud and the hardshell connector, which provides a tactile indication of proper connector seating, both the hardshell shroud and hardshell connector may be formed in an asymmetrical shape which will ensure that the two connector halves are mated in the proper orientation. Further optional desirable features of the connector pair are described herein.